CLAIMS

1. Device for the combustion of gas containing hydrocarbons that can be burned in the presence of air, in which the fuel gas arrives by a central supply (1) comprising a tube situated in the axis of a body forming a venturi (2), characterized in that a plurality of gas supply tubes (6) are arranged in at least one ring around the central supply (1) of the body forming a venturi (2), at least the ends of these tubes having their axes appreciably parallel to the wall of the mixing tube (5) of this venturi.

2. Device according to claim 1, characterized in that each annularly arranged tube (6) is sized in such a way that it can carry between 1% and 33%, and preferably between 5% and 33% of said gas.

3. Device according to either of claims 1 and 2, characterized in that the diameter of the central tube (1) is different, and preferably greater in diameter than the annularly arranged tubes (6).